



The Fortnightly
REVIEW

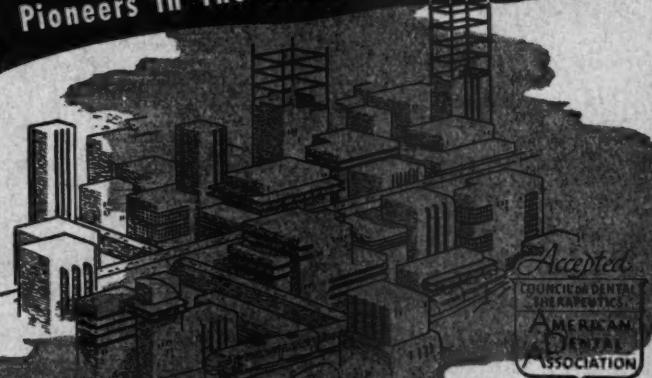
OF THE CHICAGO DENTAL SOCIETY

October 15, 1948

Volume 16 • Number 8

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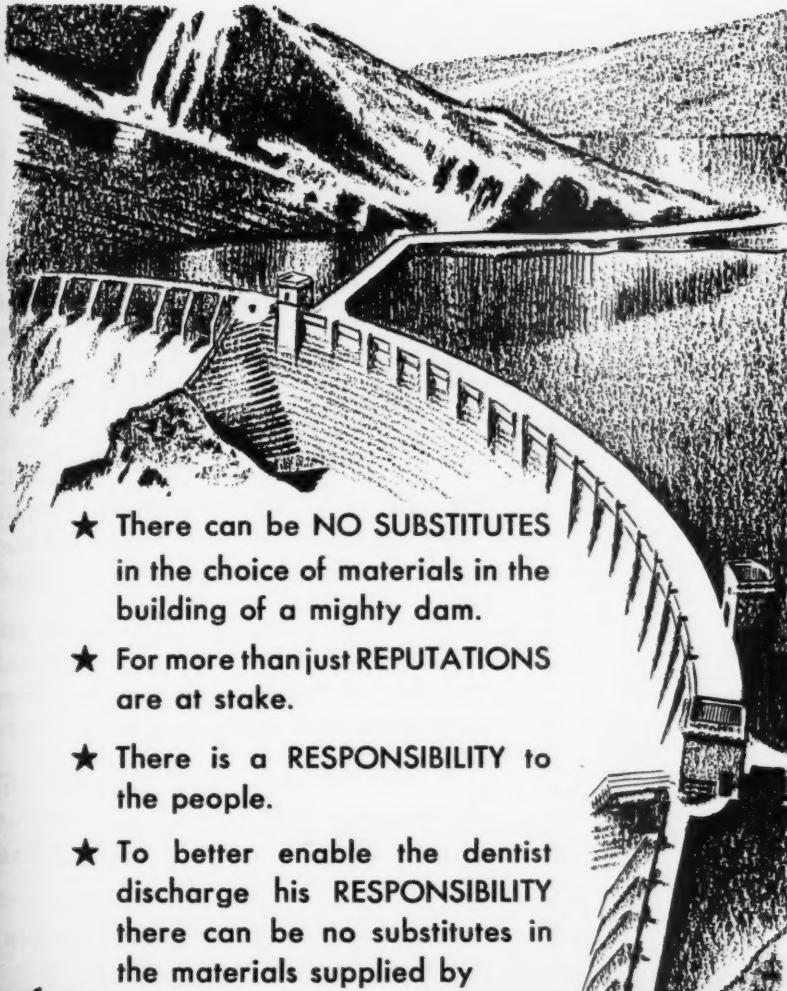
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Oct. 15, 1948

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Manuscripts and news items of interest to the membership of the Society are solicited.

Forms close on the first and fifteenth of each month. The early submission of material will insure more consideration for publication.

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THE CALENDAR

- October 19:** CHICAGO DENTAL SOCIETY: Regular monthly meeting in the North Ballroom of the Stevens Hotel. Dr. Henry Glupker will be the essayist.
- October 26:** WEST SIDE BRANCH: Regular monthly meeting (changed from second Tuesday for this meeting only) at the Midwest Athletic Club. The speaker of the evening will be James Hughes, M.D., who will discuss cardiac ailments pertaining to the dentist. Dr. Otto W. Silberhorn will give the first of his pre-dinner lectures on crown and bridge and partial denture construction.
- November 2:** WEST SUBURBAN BRANCH: First monthly meeting of the season at the Oak Park Club with dinner at 6:30 p.m. Dr. B. G. Sarnat will discuss the diagnosis and treatment of mouth cancer.
- November 9:** NORTHWEST SIDE BRANCH: Regular meeting at Stella's Restaurant, 3208 N. Kostner Avenue, at 7 p.m.
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- February 7-10, 1949:** CHICAGO DENTAL SOCIETY: Eighty-fourth Midwinter Meeting at Stevens Hotel.

The Fortnightly REVIEW *of*

THE CHICAGO DENTAL SOCIETY

October 15, 1948

Volume 16 • Number 8

Monthly Meeting Programs Get Under Way

Dr. Henry Glupker to Lead Off on October 19

The first monthly meeting of the 1948-49 season will be inaugurated by a lecture and motion picture on lower full dentures by Dr. Henry Glupker of Chicago. This meeting will be held in the North Ballroom of the Stevens Hotel on Tuesday evening, October 19. The Monthly Meeting programs will not follow last year's pattern. Dr. Warren Willman, Chairman of the Monthly Meeting Program Committee, has held several conferences with his committee and the officers of the Society, and it has been decided to discontinue the table clinics and to concentrate on one man's technic at a time, to the exclusion of all others. This, the committee feels, will be less confusing to the man in general practice whose interests are of first consideration when it comes to monthly meeting programs.

A NEW IMPRESSION TECHNIC

Because all denture work is ordained to rise or fall upon the ability of the dentist to take accurate imprints, this phase of full denture construction receives first call in this year's inaugural program. And because the lower impression, or imprint, is in many ways more difficult than the upper, Dr. Glupker will concentrate on that. His is a brand

new technic and the presentation before the Chicago Dental Society will be the first showing before a dental society audience. The technic will be illustrated by a motion picture in color. This method promises to make impression taking almost fool proof. If a dentist will learn this procedure and then stick with it, he will overcome most of the difficulties he now encounters. The colored motion picture, which depicts every step in the technic, is a masterpiece and well worth viewing.

ESSAYIST

The essayist, Dr. Glupker, is well known to dental audiences in and around Chicago. He has appeared on the Midwinter meeting programs a number of times, as well as on Branch meeting programs, and is in great demand as a clinician. He graduated from Chicago College of Dental Surgery in 1925 and received his Master's degree from the same institution. He taught at Chicago College for nineteen years and was Professor of Prosthetic Dentistry until just a few years ago, when he gave up teaching in favor of private practice. He is a member of the American Academy of Denture Prosthetics and of the Odontographic Society of Chicago.

LETTERS

A CASE OF HYPERSENSITIVITY TO SODIUM FLUORIDE IN A DENTIST

(Editor's Note: The following case report is of special interest at this time when the use of Sodium Fluoride by the dentist is becoming more and more popular.)

Dr. G was first seen by me on April 15, 1948 with a dermatitis on the right hand, the first two fingers and thumb affected. This attack was of three weeks' duration following the use of both Sodium Fluoride and monocaine. Patch tests of both were applied, with a late but 4 plus positive reaction to the Sodium Fluoride.

There were blisters on right hand, first and second phalanges, with whitish color of skin, some relatively large bullae. Dr. G has been using the Sodium Fluoride for the past six months. Almost immediately after using the Sodium Fluoride he noticed an eruption that would come and go. The attack three weeks ago was more severe. He thought possibly that the recurrent attacks were caused from the cold weather.

The patient explained that the procedure is a topical application of the Sodium Fluoride; each quadrant in turn is isolated with cotton rolls. The teeth are dried with air, and 95% alcohol is thoroughly applied with cotton pellets. Then the teeth are flooded for three to five minutes with a 2% solution of Sodium Fluoride. Dental tape is passed

through the contact points during this time. It is only a matter of course that the hand of the dentist must come in contact with the Sodium Fluoride solution.

Fluorine (F) is the most active member of the halogen elements. The fluorides, especially Sodium Fluoride, have had some experimental usage in medicine. Goldenburg (Semana Médica 1932, 39, 1659) recommended it in the treatment of exophthalmic goiter. The salt has been used in rheumatism and epilepsy.

The vapors of hydrogen fluoride are extremely irritant, and on contact with the skin cause serious ulcerations. If inhaled, they may cause edema of the glottis and death. In dilute solution it is especially destructive to the epithelium.

It is well established that the condition characterized by mottled enamel of the teeth, endemic in certain areas—notably, the Mississippi Valley—is due to the presence of small amounts of fluorides in drinking water. On the other hand, it is sure that complete absence of the fluorides in drinking water, particularly during the first ten years of life, may cause dental caries.

Since the use of the fluorides now is widely accepted by the dental profession as prophylaxis against decay, it must be expected that conditions like the one described above will be more frequent.

John H. Abelson, M.D.,
30 N. Michigan Avenue,
Chicago, Illinois.

Hospitalization Insurance Beneficial to Membership

Last year the Board of Directors voted to discontinue our affiliation with Blue Cross and unanimously agreed to the adoption of the hospital plan of the Michigan Life Insurance Company. Since then many of our members who have had occasion to use the benefits of the plan have generously praised our directors for selecting the Michigan Life Insurance Company and the agency of Huntington & Homer, Inc. to handle the enrollment and the settlement of the claims.

We believe you will be interested in reading the following comments which have been taken from letters written to Huntington & Homer, Inc. by our members:

"May I take this opportunity to thank you and the Michigan Life Insurance Company for the fine way you took care of me, and your prompt payment of my medical claim following my recent illness and hospitalization at the St. Francis Hospital. If this letter will be of any use to help others appreciate your insurance program, please do not hesitate to use it. I personally have never enjoyed better service from any company than you gave me recently."

"To have this protection when you need it is wonderful."

"I am very well pleased with your swift settlement . . . so I considered it courteous to write and tell you so."

"I wish to take this opportunity to assert that never in my experience have I ever heard of an insurer-insured relationship which resulted in happier conclusions for the insured than that which I acquired from your company. It is my pleasure to report that both patients are improving rapidly. In view of the extreme seriousness of the conditions of both, I deeply appreciate my good fortune. I feel that a major portion of the credit is rightfully yours for the unstinting manner in which you provided

the very best skill and care obtainable. We are deeply grateful."

"I wish to express my appreciation for the fine handling and prompt service on my claim. Chicago Dental Society is fortunate in having you represent its membership."

"Please allow me to express my appreciation for the prompt and courteous service rendered on my recent claim for hospital and surgical service."

"Thank you for the Michigan Life Insurance Company check covering my recent illness. It was fortunate for me that I had hospital coverage in a good company."

"Sincerest thanks for your promptness in paying the above account."

"I shall always be glad to give your company my highest praise and recommendation."

"Please be sure we appreciate the way you handled us and will not hesitate to say so."

You can readily see from the above that the plan has actually made a favorable impression on our membership. Hundreds have been faced with hospital bills incurred by them or members of their families and have been fortunate in having this hospital insurance available to meet the bills in full. To date six of our members have had hospital bills which ran as high as \$1,000.00.

Hospital bill of Dr. L. J.

Hospital room, 38 days @ \$16.00 ..	\$ 608.00
Medications	75.10
X-Ray and laboratory	316.90
<hr/>	
	\$1,000.00

This bill was paid in full by Michigan Life. If Dr. L. J. had had the plan previously sponsored by the Society, he would have received only \$170.00 allowance toward his room charge because he occupied a private room. This allowance is figured at \$5.00 per day for each of

(Continued on page 20)

EDITORIAL

WE SEE BY THE PAPERS

When the next session of Congress convenes after January 1, regardless of which party wins the election, some sort of national health legislation will be considered, according to a Washington news letter. If the Republicans win, the legislation, no doubt, will call for grants-in-aid to the States because Senator Taft, author of the national health act of 1948, will be in the saddle. If the Democrats win, their program will be a much broader one with complete federal domination. Neither side, however, will have the nerve to try to push through a compulsory payroll contribution plan. There's too much opposition on both sides. . . .

Four out of five of the toothbrushes now in use in American families are so badly worn or in such an unsanitary condition that they are no longer useful for the purpose for which they were intended, according to the Journal of the American Dental Association. This is a sad commentary on the average American family and shows the need for better educational methods in the matter of health care. We have been content to let the commercial interests carry the torch all too long and, on the whole, they've done a pretty good job. But most of these families with the broken down toothbrushes are patients of the dentist at one time or another and it is the dentist's responsibility, not the layman's, to preach the gospel of oral hygiene. . . .

It is reliably reported that the world population of today is somewhere in the neighborhood of two billion. The prediction is that this will increase to twenty-one billion in the next three hundred years. Unless one lives to be a Methuselah, there would seem to be nothing for anyone of this generation to worry about. But just to speculate: it takes as much as four acres to support a human being in this country; as the population increases, farm lands diminish to make room for the increased population; there is not enough food to go around right now, so—three hundred years from now people will not die of old age, but of starvation. . . .

A Gallup poll of several thousand married women shows that ninety-eight per cent of them are not satisfied with their husbands. Roe Fulkerson, editorial writer for Kiwanis Magazine, has a remedy. He claims to be one of the two per centers whose wives think they are all right. His method of keeping domestic tranquility, however, may cost the husband as much as a hundred dollars a year. The answer is orchids! Fifteen or twenty orchids a year will keep a woman madly in love with her husband. Birthdays, anniversaries, New Year's Eve, St. Valentine's Day, and Easter are days when an orchid is a "must." But once in awhile when there is no anniversary, no birthday, no nothing, but just one of those long, uneventful periods in married life when things drift along with dull monotony, break it up, my friend, by sending her a totally unexpected and senseless orchid. . . .

A science magazine carried an interesting item the other day to the effect that the bumble bee cannot fly. It had a scientist's word for it. He said that he had weighed a bumble bee, taken the area of its wing spread, figured it out by aerodynamics, and proved to his own satisfaction that a bumble bee cannot possibly fly. But the bumble bee can't read and they forgot to tell him about it, so he doesn't know he can't fly, and he continues to go flitting from hither to yon gathering honey on his way. All of which goes to show that where ignorance is bliss, 'tis folly to be wise.

Anti-Biotic Agents in Dentistry*

By Fred A. Henny, D.D.S., Detroit, Michigan

Question: What are the indications for use of penicillin lozenges?

Answer: Penicillin lozenges find their most effective use in the treatment of acute Vincent's infection. They may also be employed in any of the mixed bacterial infections of the mouth with fine success. Lozenges of various strengths are available on the market, varying from 500 to 20,000 units per lozenge. It is recommended that the non-buffered lozenge of 1,000 units be used since this gives adequate concentration of penicillin within the mouth and allows the penicillin to be destroyed in the stomach without producing any actual penicillin blood level.

Question: Describe the use and dosage of orally administered penicillin.

Answer: The tablets of penicillin for oral usage are available in 50,000 unit sizes. Although these tablets are buffered to prevent destruction of the drug in the stomach by the gastric secretions, it is necessary to use approximately four times the dosage that would be used if the medication were given parenterally. Therefore, if one desired a dosage of 50,000 units every three hours by injection, it would be necessary to administer four 50,000 unit tablets every three hours to obtain the same desired effect. The use of the oral tablets is limited to the treatment of mild infections and prophylaxis since the extreme infections are better handled by high doses of the parenterally administered drug. Also, in the advanced cases of infection hospitalization is ordinarily imperative to carry out adequate supportive and surgical treatment and in such instances penicillin by injection is preferable.

Question: Do individuals become sensitive to penicillin?

Answer: A small percentage of indi-

viduals who receive penicillin do exhibit allergic phenomena. This is usually manifested by the so-called drug fever and by the occurrence of multiple giant urticaria. There are no statistics available to support the contention that severe, dangerous reactions occur. When urticaria do follow the use of penicillin, the use of the anti-histamine drugs are of considerable benefit.

Question: What are the indications and dosage of penicillin in wax?

Answer: The so-called Roumansky formula has been of considerable help in introducing penicillin in adequate dosages and reducing the number of injections required. The advantage of using the penicillin in wax and oil is that it allows for injection of 300,000 units of penicillin and slow dissipation of the drug over about twenty-four hours time.

Penicillin in this form is ordinarily reserved for treatment of mild infections that are treated in the ambulatory patient and in a prophylactic use of penicillin in patients that require dental extractions and have a history of rheumatic fever in the past. This latter aspect will be discussed under question No. 10. The actual dosage used for mild infections depends somewhat on the severity. Ordinarily one 300,000 unit dosage is given each day. Because of the bulk of the injection and the fairly frequent reaction around the injection, it is wise to give the injection into the gluteus maximus muscle. This is done with the syringe and needle provided in the package purchased.

Question: When is the topical use of sulfa compounds indicated?

Answer: The sulfa compounds are rarely, if ever, used for mucous membrane lesions. They find their chief use in dusting into postoperative third molar impaction areas and in extraction areas that exhibit considerable infection. In

*Presented on the Questions and Answers Program of the 1948 Midwinter Meeting of the Chicago Dental Society.

either case, the topical application should be slight so that only light frosting of the area is accomplished. This actually gives a high concentration of drug within the limited region to which it is applied and one that gives all the desired effect.

Question: When should sulfa be used instead of penicillin?

Answer: Sulfa is rarely used in place of penicillin, although on rare occasions it may be necessary. In some instances where allergic phenomena may be present following the use of penicillin, sulfa may be employed with success. In some cases of massive infections of the face, jaw or neck, sulfa and penicillin may be used in conjunction with each other as discussed under question No. 9. For all practical purposes, however, penicillin is the more desirable drug of the two because of the lack of serious side effects and because of its marked efficiency.

Question: What are the dangers of sulfa administration?

Answer: Quite a large variety of side reactions are possible following the use of a sulfa compound. Many of these reactions can be eliminated, or at least controlled, by careful and intelligent use of the drug. It must be remembered that a high fluid intake must be maintained during the course of the medication and that soda bicarbonate should be given in equal amounts with the sulfa compound employed. Also, if sulfa is to be used over any appreciable length of time, the patient should have the benefit of a white blood cell count every other day and the urine should also be checked for crystal formation. The reactions and side effects following the use of sulfa compounds may include drug fever, dermatitis, crystal formation in the pelvis of the kidney with complete anuria, toxic reaction in the kidney itself, depression of the white cell count until a definite leukopenia is present, depression of the blood platelets or simple urticaria. The dangers of sulfa administration should always be kept in mind when it is used and everything possible should be done to avoid the occurrence of undesirable side reactions.

Question: How does one recognize a penicillin or sulfa reaction?

Answer: This question has largely been answered by the above discussion and needs little amplification here. The symptoms and signs presented in the above questions, when present, should be considered as a possible reaction to either drug and the relative benefits of stopping or continuing the drug must be carefully considered.

Question: Are sulfa and penicillin ever used in conjunction with each other?

Answer: In severe infections of the face, jaws and neck, sulfa and penicillin are fairly frequently used in conjunction with each other. The individual presenting marked infection of these structures, however, ordinarily presents with the picture of dehydration. It is unwise to begin the administration of a sulfa compound in the face of marked dehydration. It is wiser in such a case to start the patient on large doses of penicillin and to build up the fluid balance before administering any of the sulfa compounds. When a more normal fluid balance has been obtained, sulfa in equal amounts with soda bicarbonate should be given, but during the entire course the fluid balance should be carefully maintained to reduce the possibility of undesirable side reactions.

Question: How are the anti-biotics employed in the dental treatment of patients with a history of rheumatic fever?

Answer: This is one of the most important dental considerations in the use of the anti-biotics. All patients who have a history of having had rheumatic fever in the past, plus those individuals with congenital heart disease, should have the benefit of complete protection at the time of extraction of teeth with adequate use of penicillin. Since it is a well substantiated fact that many cases of sub-acute bacterial endocarditis arise following extraction of teeth in these individuals, the entire premise of dental treatment is to provide a high blood concentration of penicillin during the very critical period in the first hour, starting at the time of extraction and continuing for about forty-eight hours postoperatively. The advent of penicillin in sesame oil provides a marked improvement in the handling of

(Continued on page 27)

A New Concept of Cancer*

By Louis R. Siegel, LL.B., LL.M., D.D.S., Chicago

Vast is the study of creation. The firmament in its awesome magnificence and greatness overwhelms every conception of the human mind. No thought of the most brilliant amongst us can conceive to exactness the realm around us. We are born to live a short moment, and then pass into the unknown. Mysteries, a million fold, nay; many more that never will be known by man, for all the knowledge of accumulated centuries, is but a drop of water in the vast oceans that cover the earth. Many advanced civilizations have come and gone, taking their secrets with them, little dreaming that even their advances would be lost. Mortal man delves into the recesses of nature's guarded secrets, only to meet the rebuff of time.

"Ay—were not man to die,
He were too mighty for this narrow
sphere!
Had he but time to brood on knowl-
edge here—
Could he but train his eye—
Might he but wait the mystic word
and hour—
Only his maker would transcend his
power!"

The mind of man is that which thinks, remembers, reasons, wills. It conquers, endures and attracts all the heavens around him, and delves into the minutest electrons of matter.

The creation of the human body was intended to exactness. It is a vast machine of innumerable cells, organized in communication and obedience. Each cell, a biochemical laboratory; controlled by electronic eddies in full intelligence as to purpose—What intelligence—rules the

body and drives a multitude of forces with mathematical precision—Giving life to the entire body and building man.

Cancer! A deadly menace to the life of mankind, has for centuries past cut short his span of life. In suffering he dies! His maddened attempt to conquer this foe has led to much confusion. For many workers in the laboratory and the clinics have faced a multitude of results, all different, all confusing. What appeared as a cure in one case hastened the end in another. The whole story of Cancer has been written thusly—Yet in the light of the true picture, all the puzzle parts fit together, and no longer is it clothed in the mysterious inky darkness.

The body cell is not only a biochemical unit, but a complete electrical charge. The electrons and neutrons emanating from the tissue cells, do so in three different ways:

1. Under action of light as in the eye
2. Under heat
3. Electric pressure.

The blood fluid is an electrolyte similar to salt added to distilled water which then conducts electricity, but much more complicated than that taught in the science of electrochemistry. Each cell is either anode or cathode and we perhaps may be bold enough to term them electrodes. The blood electrolyte contains many substances, each one completing its own electrolysis and conducting a bodily movement of materials; as blood cells, and metabolic building essentials.

In this picture enter many electrolytic substances and auxiliaries, such as vitamins, ductless glandular extracts, enzymes, white blood cells, red cells, platelets, etc. All these materials must be in balance to complete a perfect electrolytic blood solution—This is of utmost importance for the proper metabolism of tissue

*Reprinted from The Journal of the National Proctologic Association, Vol. XX, Nov.-Dec. 1947.

cells; upon it depends proper cell growth and cell growth control.

Mobile cells as white blood cells move in the body fluids and tissues by virtue of three forces:

1. The circulatory movement, carrying these cells.

2. Electromagnetic attraction, whereby a mobile cell is brought in contact with another cell either fixed or mobile, just like two magnets of opposite poles attract each other.

3. Ameboid cell movement.

Cells or particles must be of opposite electronic charges to attract. Otherwise, they will repel each other, or stay neutral. We must bear these fundamental principles in mind.

The entire system of cells are policed and behave in response to minute electrical charges. A tissue is injured, its positive electrical charge becomes highly negative and this attracts the positively charged polymorphonuclear leukocytes, which proceed to carry off the dead tissue and rebuild the damage. Surgery many times sets off these traumatic negative charges causing an alkaline or electro negative carcinoma to become alive.

A cell is born, it grows, matures and divides. Two cells are born, these in turn mature and divide—Now, if this would go on indefinitely a monstrous accumulation of tissue cells would result which would soon perish by reason of its enormous size and inability of obtaining proper nourishment. The leukemias are a mild example of an excess. Here something happens long before the overdistention of tissues, for each cell is a complete biochemical unit and electrical charge. When division takes place either by mitoses or amitoses, the sister cells are of opposite charges, one being negative and the other positive. The negative cell attracts the positively charged lymphocytes which attack and break up these negative cell growths, resulting in dust formation, and platelets which are revitalized nuclear material.

The diminution or destruction of lymphocytes will tend to tumor formation. In such emergency the polymor-

phonuclear cells attempt to usurp this lymphocytic function; which is not always successful.

A bacterium enters the blood stream. It emanates a foreign electrical charge. It is immediately attacked by a white blood cell that either engulfs it in its cytoplasm or invests it with an anti-body, which then changes its electrical charge or destroys it; from then on the bacterium will tend to disintegrate by reason of the anti-body around it or in it (autolysis). In rare instances like diphtheria the bacterial electrical charge may not attract sufficient leukocyte attack but pour its antigens into the electrolytic blood; in response to which a leuko-anti-body is deposited to offset or neutralize the toxin. In this case blood plasma will act as a true antitoxin. It is possible that if a serum be made of the white blood cells or the bone marrow of an immunized animal that an anti-toxin can be had to work well when injected into the blood of another animal suffering from the same type of infection. The story of opsonins is a sound one, but opsonins act only to change the electrical charge of the invaders, making phagocytic contact and attack possible.

All matter is electricity in some form or other. All changes in matter, whether a simple inorganic change or a more complex biochemical reaction, is possible only, by, and through electrical charges.

In the study of the blood electrolyte a close observation of the P.H. or hydrogen ion concentration is necessary. The blood P.H. being approximately 7.39, a deviation from this means trouble, above giving an alkalosis and below an acidosis.

In the study of oncology the understanding of cell growth and cell growth control is of primary importance. It must also be understood that cell growth is impossible without electrical impulses—These electrical impulses are not all alike, and vary as to degree and intensity. The liver cell has its special electrical charge while the spleen has its specialized electrical charge. These various electrical impulses react with each other in certain

definite ways and follow definite laws. Iodine is extracted from the blood stream by the thyroid gland on a similar magnetic or electric attraction. As long as the electrolytic blood is in proper balance with its electrolytes, a normal cell growth balance ensues. But, should the electrolytic balance be destroyed, as a lessened pituitary secretion, or a vitamin deficiency, or an enzyme imbalance, or of any of the hormones, then the electrolytic balance and harmony of the body tissues is changed and disease ensues. Therefore, accordingly, of primary importance is the study of hematology, its deviation from normal and its relationship to disease. An electrolytic imbalance may be general or it may be local as in some organ.

Materials thrown into the blood stream are closely related and the increase or decrease of any one of these substances may cause a bedlam of trouble—This will explain why the research man found his results so at variance—For in one case there would be a deficiency of a certain hormone and in another an over abundance of this same material. But, if a careful examination were to be had of the blood electrolyte and the imbalance found, which may be more than one substance, for it may be two or three or even more that will be necessary for the bringing about of a normal condition again.

Now let us look into tissue cell growth again—and its tumor tendencies—Just what happens ! ! ! Let us assume that we have a balanced blood electrolyte and that the bioelectrolysis is functioning normally—Cell growth goes on in balance and the newly born negatively charged cells are broken up by the lymphocytes into small particles and their nuclei are revitalized by these white cells into platelets and thrown into the circulation to continue as an important member of the circulatory fluid. Through infection or hemolytic injury the anterior lobe of the pituitary gland suffers cell disintegration. The pituitary secretion is not only diminished but deposits protein toxins into the blood. The blood electrolyte suffers change, other organs step into the picture

trying to balance the blood electrolyte. The Kupffer cells of the liver are busy through phagocytic action in destroying extraneous matter in the circulatory flood that is carried to them. The storing of vitamin A hormone is neglected and impairs the body vitamin A balance—An insufficient amount of A is the result. The electrolytic action between the lymphocytes and body cells is in imbalance, the cutaneous cells, being least resistant, succumb in some particular area to cell balance. The leukocytes, whose functions are many and varied, step into the picture in an attempt to regulate this breakdown, inflammatory processes ensue, and may continue for a long period of time.

This condition may correct itself and in many cases does correct itself; but if not, the cellular toxins will eventually weaken and even destroy cells in some other organ and soon the growth at its primary seat grows with less interference, further breaking down other tissue cells in other organs.

The theory of metastasis is not as pictured. It cannot be—for if it were, the eradication of a primary site would not tend to recur many years later in a remote body area, but would develop metastases immediately after. But occasionally they are severe enough to cause white cell destruction and few of these cells may be found in the tumor area.

You no doubt in your mind now ask, "why should a change in electrical extra-cellular impulses change or bring about a transmutation of cell growth?" The answer is simply this:—

All creation of organic life is basically formed of similar elements. The difference between a man and a horse is purely morphological—What has brought this difference into being—The hand of creation has accomplished this through a series of electrical impulses. All creation is thus brought into being.

A change of electrical impulses brings a change in creation and action. It is these electrical impulses that are alive, intelligent, and build the biochemical products into more than a laboratory. It

is the story of life itself and the way the hand of our great Creator fashions his work. It is more proper to term these impulses Bio-electrical charges.

Nourishment is the basic beginning of living processes. It is from the intake of materials that the living organism functions. It tears apart these materials and then rebuilds them to suit its purpose. To bring about a cure in neoplasia, proper metabolism of the body is necessary. This is not always as easy as it may sound. Bio-chemical action is not of a single compound nature, but catalitically and bio-electrically regulated.

The electrolytic breakdown continues until at some later period the body cells weakened by the struggle more readily succumb.

Vitamins, hormones, and enzymes are all inter-related and dependent on each other. The blood cells too are indispensable to life; indispensable to blood chemistry; indispensable to proper electrolysis. The proper physiological balance of the blood electrolyte is antagonistic to disease. *Disease cannot thrive in a properly balanced electrolytic blood.*

Carcinogens are substances which, when applied to the living tissue cells are capable of producing tumor growth. They may be mechanical, chemical, parasitic, or bacterial. An irritant applied to cells and acting in such a way as to bring about a dysfunction in cell metabolism will also bring about a change in the electrolysis of the cell. These injured cells most often die and are destroyed by leukocytic action; but certain cells may resist the carcinogen and continue to grow and divide, but not as of a normal state. It suffers a change or transmutation for it must respond to a different series of electrical impulses. It no longer obeys the natural laws it was intended to obey, but reacts to completely foreign electrical stimuli, and suffers a transmutation from a normal cell to a tumor cell. The lymphocytes no longer are capable of controlling normal cell growth and the polymorphonuclear leukocytes may invade and help destroy these wild cells. They also attempt to build a wall surrounding

this growth and if successful the resulting growth is benign.

Therefore the abnormal index of a certain substance may not be corrected by a simple prescription to the patient.

Vitamin A is the key vitamin in the electrolytic blood balance. It is scarce in cancer patients and may be almost entirely absent in the liver where it is stored for usage. It is readily eliminated and found in the urine of the patient. It has a marked action on skin tissue and is found there.

Around this vitamin hormone other vitamins and hormones must be built. This treatment may take time for the complete elimination of an imbalanced blood electrolyte.—And more than this—The first thing in treating a cancer patient is to carefully check for abscesses, inflamed areas, infected tissue, both deep and superficial; improper diet corrected; examination of tonsils, throat, nose, sinuses, teeth, etc. It must be borne in mind that tissue pathology anywhere in the body may be the trigger action necessary to set off a rampant growth of cells.

The tumor research field is full of contradictions, each man may have been correct in his findings. One method of treatment may have had different results in its application on different subjects, and that is understandable, because the electrolytic imbalance may have been of an opposite nature.

Careful diagnosis and treatment by trial and error will have to be the beginning of tumor treatment. If sub-A and B fails, then try A and B and C, and if this fails to get results try and rule out one of the first two, etc., until the proper ingredients to balance the electrolytic blood are found. In the meanwhile every effort must be made to eliminate carcinogen trigger foci in the patient. One of the most virulent areas of the body for such foci is found in the mouth and much attention should be given to that organ. The mere fact that a tooth is vital is of no real significance, as more danger foci are found in these supposedly living pulps. I am sure that

the future of medicine will find it embracing the oral cavity as one of the most important factors in the prevention of disease.

The oral cavity, like the kidney is an end organ, and operates in a vicious circle. A diseased tooth may act as a trigger to start a body disorder and then this breakdown will come right back and manifest itself in the oral tissues. It is quite understandable that the future of dentistry lies not in its progress in prosthetic dentistry, but more likely in the elimination of disease. Restorative dentistry should be and will be of secondary importance.

A close study should be made in tumor patients of the condition of their mouths and throat and that vital and non-vital teeth suspicioned be thoroughly examined in the laboratory after removal. It may be a coincidence that in my thirty-two years of practice in dentistry, out of which twelve were spent as an oral surgeon, I do not recall one patient with a perfect mouth who had any body disorders.

In conclusion may I state that the living body is likened to an electroplating machine. It contains an electrolytic blood solution embodying many electrolytes. Through ionization, building materials move from the blood electrolyte and are deposited upon the cellular walls which readily absorb this material through osmotic action, and in turn eliminate from its interior, both waste and important bio-chemicals.

Any interference with the proper bi-electrolytic reactions, impairs proper cell metabolism, and either kills these cells or brings about a cellular transmutation. This cell change is imperative so that the environmental electrolytic change is consistent with cell life. Here, tumor cells come into being. Leukocytic action takes place and determines whether the outlaw

cells become benign or malignant. The theory of metastases is not true; for were it so, an immediate conflagration of cell growth would take place. Instead, many years may pass between the first growth and the following tumors. The balancing of the electrolytic blood will prevent any further tumor growths and tend to normalcy.

The hormones, enzymes, vitamins, amino acids, etc., are all electrolytes, and cannot act alone to complete a biochemical reaction through electrolysis. Two or more of these must be combined and studied for a reaction—viz.—The removal of the lower bowel will impair the manufacture of vitamin K, for it is here that this vitamin is brought into existence. Now the replacement of this vitamin must be watched as to results in that, should there be a lack of response, one must give with this vitamin, bile salts to complete its electrolytic reaction. Of course, where sufficient bile is manufactured such salts are not necessary.

The liver is an important organ to watch, for should this organ be destroyed, the best that can be hoped for is a limited prolongation of the patient's life.

Diet is of importance in treating cancer patients. In the research laboratory it has been found that an over-abundance of food intake accelerates tumor cell growth; yet proper nourishment must be taken by the patient. Carbohydrates should be limited and moderate proteins given. In the laboratory the protein eating animals were found to be less susceptible to cancer. Electrolytic stimulants are valuable and should be tried. Folic acid combined with liver extract is, in some cases, a valuable adjunct to speed the recovery of the patient. Keen observation by the physician will be of great help in determining the hormone balance of the electrolytic blood.

NEWS AND ANNOUNCEMENTS

NATIONAL COMMITTEE OF DENTISTS

In the October 1 issue of this magazine it was reported that the resolution anent the status of the National Committee of Dentists was passed unanimously by the House of Delegates of the American Dental Association. Such, obviously, was not the case, as after the matter was brought up for reconsideration, some 131 members of the House voted against the resolution. In explanation of the erroneous report, it can be said that the story of the meeting was written during the sessions in order to make the October 1 deadline. Our apologies to the National Committee.

"IT'S YOUR LIFE" NOW ON THE AIR

"It's Your Life," a new 15-minute documentary program dealing with problems of personal health, will make its bow on Monday, October 18, at 11:15 a.m. CST over Station WMAQ. It will be heard Mondays through Fridays at the same time thereafter, presented as a public service by Johnson and Johnson, manufacturers of medical and dental supplies.

The series will be written and directed by Ben Park, producer of the award-winning "Report Uncensored" which dealt with Chicago's delinquency, prisoner-rehabilitation and housing problems.

"It's Your Life" will tell informative stories of better life and better living through authentic tape recorded interviews made with hundreds of anonymous Chicagoans who have experienced the problems of health from child care to cancer, from accidents to alcoholism. About 300 of Chicago's health and welfare agencies will be directly involved

with the planning and production of the programs.

"It's Your Life" is produced and leased by the Chicago Industrial Health Association, an organization of some thirty medical, dental and social agencies and was incorporated in Illinois on September 3. It is a non-profit, joint undertaking by the city's official and voluntary health and medical agencies, business and labor organizations, and industrial and commercial firms to develop and carry on a comprehensive and popular program of health education and services for employees, their families and the public. The Chicago Dental Society is a Member Agency of the Association.

In addition to the radio program "It's Your Life," the Chicago Industrial Health Association is progressing rapidly with its plans for the publication of a health magazine, "Yours for Better Health." At present the plans call for a 64 page popular health pictorial, which will probably be sent initially to a subscription list of close to one million in addition to the employees of firms affiliated with the Association.

It is expected that through this magazine the medical and dental professions can contribute directly to the improvement of health by getting people interested in seeking early the best that medicine and dentistry have to offer. It appears to be one of the best plans to help discourage the practice of self-medication and self-treatment and to get people to seek competent advice early. It should help materially to bridge the gap between the professions and the public.

The Association has been fortunate in having the important position of editor of the magazine accepted by Dr. A. C. Ivy, Vice-President of the Chicago Professional Colleges of the University of Illinois. Dr. Earle H. Thomas has been appointed a member of the Editorial Board as dentistry's representative.

NATIONAL DENTAL VETERANS LEAGUE

(Editor's Note: The following information is published here in answer to the many inquiries that have been received. It was furnished by the State Chairman of the Illinois Component, Walter R. Rousar, D.D.S., 231 W. Washington Street, Chicago 6.)

The National Dental Veterans League was founded in Boston during the 1947 A.D.A. convention. To become a member an applicant must be a Dental Veteran and a member of the American Dental Association, and he must have been separated from the Service under honorable conditions. The annual National dues are \$3.00 and the State dues are \$1.00, making a total of \$4.00 to accompany each application. Applications may be procured from myself or from the League Secretary, Dr. James M. Glenn, Collierville, Tennessee. Of the approximately 20,000 Dental Veterans it is anticipated that this year will see 10,000 enrolled as members. The aims and purposes of the National Dental Veterans League are as follows:

1. To concur with and support the policies of the A.D.A.

2. To keep the Dental Veteran fully informed concerning legislation and any action which favorably or adversely affects the status of the veteran.

3. To secure autonomy for the Dental Corps of the Army, Navy, Air Corps, U.S. Public Health Service and Veterans Administration.

4. To aid the Dental Veteran in every way possible in regard to his past service and possible future active service in the Dental Corps.

Dental Veterans of Illinois are advised that the Secretary-Treasurer for the Illinois Component of the National Dental Veterans League is Dr. William H. Hacker of 533 Standard Building, Decatur 12, Illinois. All correspondence and applications for membership should be addressed to him. The State of Illinois is in the process of being organized and, because of the membership drive now in progress, Dental Veterans are asked to be patient as each Veteran will soon re-

ceive an application with an explanation of the aims and purposes of the League.

All Veterans of Illinois who have had active service are urged to become members, whether or not they will be eligible for the next emergency. Plans are being made for a business meeting and social get-together of Illinois Dental Veterans in conjunction with the February meeting of the Chicago Dental Society at the Stevens Hotel. Dr. A. J. Ryan of Chicago has been appointed as Chairman of the Local Arrangements Committee and details of the rally will be published later.

NEWS AND NOTES FROM THE ZOLLER CLINIC

In conjunction with the recent A.D.A. meeting, the Walter G. Zoller Memorial Dental Clinic held open house at the University of Chicago on September 15 for its many former staff members who were in the city at that time. Among these were Ellis Jump (University of Oregon), Philip Burwasser (Western Reserve), Herbert Steinmeyer (University of Illinois), Robert Stephan (National Institute of Health), Truman DeWitt, Donald Anderson, Joseph Vocat (all in private practice), and Katherine Hamilton.

Over the last several months a number of changes in personnel have taken place on the staff of the Zoller Clinic. Dr. Stewart A. Koser has been appointed Professor of Bacteriology in the Zoller Bacteriology Laboratory as of July 1. He succeeds R. W. Harrison who became Vice-President of the University. Dr. Koser has been on the staff of the Department of Bacteriology of the University of Chicago for several years; he received his Ph.D. degree from Yale in 1918, was with the Department of Agriculture and later taught at the University of Illinois in Urbana before coming to the Ricketts Laboratory at Chicago. Dr. Koser's many publications are concerned primarily with growth requirements of bacteria and at present he has underway the study of oral lactobacilli in regard to their nutritional requirements. In addition to his research work, he is an

advisory editor for the *Journal of Bacteriology* and the *Journal of Infectious Diseases* and just recently has been nominated for the office of Vice-President of the Society of American Bacteriologists.

Dr. Robert M. Wiener, long associated with Zoller, first as a fellow in Pathology and later as instructor after receiving his M.S. degree from the Department of Pathology, left Chicago for his home city of Montreal where he will enter private practice and teach at McGill University Dental School.

Dr. Everett Price (Illinois '46) has been appointed instructor in Dental Surgery and will be in charge of the clinic in the Lying In Hospital where prenatal patients are seen. He succeeds Dr. Lester Jacobs who has gone into private practice and teaching at the University of Illinois College of Dentistry. Dr. Price also has an M.S. degree from the Department of Bacteriology and Parasitology of the University and plans to do clinical research in his field of interest.

Appointed as an assistant is Paul J. Battis, who will work in roentgenology. Dr. Battis received his dental degree from St. Louis University in 1946.

Working under Dr. Lincoln V. Domm, Zoller endocrinologist in the Department of Anatomy, is Emil Bushra from Cairo, Egypt. Dr. Bushra received a Master's degree in Orthodontia from the University of Illinois last year.

Dr. S. Y. Wang from China is engaged in research under Dr. Wassermann in anatomy. He came to Zoller from the University of Michigan, where he received his M.S. in Dental Surgery.

After spending two years in the Clinic building up a collection of colored photographs of oral conditions and making a study of the teeth of rats on a protein depleted diet in the Department of Pathology, Dr. Harold Hunter returned to the University of Toronto Dental School from which he had a leave of absence.

Dr. Stanley Chun and Dr. Yale Wasserman have been appointed interns. Dr. Chun is from Sacramento, California, but is a dental graduate from Marquette University, while Dr. Wasserman is from

Milwaukee, although he received his dental degree in June from the University of Louisville. Having completed their year's dental internship, Drs. John Laura and Edward J. Fredrickson have entered private practice in the cities of Syracuse and Spokane, respectively.

With the Evanston dental caries study of Zoller for the past two years, Dr. E. Esch Davies is joining the staff of Northwestern Dental School. While on the Evanston project, Dr. Davies was in charge of the bacteriological aspects of the school children dental survey.

Back to Bern, Switzerland, is the direction Dr. Rudolf Messerli is going after a year with Zoller. Dr. Messerli received his Dr. Dent. Med. degree from Bern University and his D.D.S. from Northwestern. He has spent the past year in the Clinic and in study in the Department of Bacteriology. At present he is completing a German to English transliteration of a book on Oral Diagnosis by Janneret of Switzerland for publication in this country.

Capt. Richard Tiecke has been reappointed by the Army Dental Corps to remain another year at Zoller for further study in the field of pathology. Dr. Robert O'Neil, appointed an instructor in Dental Surgery, will stay on at the Clinic to develop a pedodontic educational program.

Some members of the Zoller staff have been away lecturing in various parts of the world. Just returned from a lecture tour of German universities is Dr. Friedrich Wassermann, Zoller Professor in the Department of Anatomy of the University. Accompanied by Dr. Dallas B. Pheiffer of Surgery, Dr. Wassermann spent several weeks lecturing at various universities including his alma mater, the University of Munich, where he was head of the Department of Histology and Embryology before coming to the Zoller Clinic in 1938. Dr. J. R. Blayney and Dr. F. J. Orland participated in the program of the Oral Medicine Seminar arranged by the University of Minnesota College of Dentistry on September 22-25 in Minneapolis. Over two hundred den-

tists from the Northwest attended this Third Annual Seminar under the chairmanship of Dr. William Simon.—*F. J. Orland.*

TEN YEAR HEALTH PROGRAM

President Truman has given his hearty support to the ten year health plan for the nation as proposed by his Federal Security Administrator, Oscar R. Ewing. The plan is in the form of a 186 page book which the Federal Security Agency is distributing among state and federal public health departments, state medical and dental societies, delegates to the National Health Assembly and certain other agencies. As a public document, the paper-bound book is for sale by Superintendent of Documents, Government Printing Office, Washington 25, D. C. The price is \$1.00. Its title is "The Nation's Health: A Ten Year Program."

Nearly one-third of the report is devoted to argument in support of government health insurance and exposition of alleged inadequacies of voluntary medical and dental care and hospitalization plans. However, institution of compulsory insurance by the federal government is placed third on the priority list. The first goal is to increase medical manpower—physicians, dentists, nurses and their auxiliaries; the second, expansion of the nation's hospital system so that at least 600,000 beds are added by 1960.

NAVAL RESERVE OFFICERS MEETING

The Naval Officers Voluntary Reserve Unit will meet regularly on the fourth Friday of every month at 8 p.m. at the Naval Reserve Armory, 700 E. Ohio Street.

U. S. GOVERNMENT LIFE INSURANCE

A veteran of World War II who served at any time from October 6, 1917, to July 2, 1921, still is eligible to apply for up to \$10,000 of U. S. Government Life

Insurance, whether or not he took out such insurance while in service or has since let it lapse. He may get term insurance or any of six permanent plans available—ordinary life, 20-payment life, 30-payment life, 20-year endowment, 30-year endowment, and endowment at age 62.

DR. WASHBURN NEW A.D.A. TREASURER

Dr. H. B. Washburn of Minneapolis, immediate past-president, has been appointed Treasurer of the American Dental Association by the Board of Trustees. Dr. Washburn succeeds Dr. Roscoe H. Volland of Iowa City, Iowa, who has served the American Dental Association in that capacity since 1928.

OLD AGE INSURANCE PLAN

The House of Delegates of the American Dental Association approved a resolution from the Committee on Legislation recommending that Congress be asked to extend the federal social security laws to provide old age and survivors' insurance to the self employed. This means that dentists would be eligible for such benefits if action by Congress is favorable.

RETIREMENT PROVISION FOR RESERVE OFFICERS

The 80th Congress passed a law, which was signed by the President, providing that reserve officers of any of the armed forces who have completed twenty or more years of acceptable membership may retire with benefits after they reach the age of 60 years, the retirement pay being computed at $2\frac{1}{2}$ per cent of base pay for the highest rank held multiplied by the number of years on active duty, plus 0.5 per cent of the same base pay multiplied by the number of years on inactive status. These provisions may amount to as much as 75 per cent of the highest active duty pay drawn by the person receiving the allowances.

DR. BRUNO F. NAUSED A 1905-1948

Dr. Bruno F. Nauseda, a member of the Northwest Side Branch of the Chicago Dental Society, died August 19. He practiced at 2019 Milwaukee Avenue for over fifteen years.

Dr. Nauseda was graduated from the Chicago College of Dental Surgery in 1933. He is survived by his widow, Julia, and two children, Celeste and Barry.

DR. JOSEPH A. FLANNERY 1865-1948

Dr. Joseph A. Flannery, a member of the North Side Branch of the Chicago Dental Society, passed away September 25. He was graduated from the University of Illinois, College of Dentistry, Class of 1912, and had his office at 739 Fullerton Avenue.

Dr. Flannery is survived by his widow, Ella, a daughter, Mrs. Irene Crowe, and a son, Patrick.

HOSPITALIZATION INSURANCE BENEFICIAL

(Continued from page 7)

the first thirty days and \$2.50 per day for the next eight days. In addition, he would have had to pay one-half of the charge for medications, x-ray and laboratory used in the last eight days.

Most of our members have been occupying private rooms, and therefore in every such instance they have received considerably more from the Michigan Life plan.

Dr. H. W. occupied a private room for 48 days. The room charge was \$18.00 per day, or a total of \$864.00. The previous plan would have allowed only \$195.00, whereas Michigan Life paid the bill in full.

Mrs. M. S., the wife of one of our members, was in the hospital for twelve days. Here is the itemized bill she incurred:

Hospital room, 12 days at \$27.50	\$ 330.00
Delivery room	41.50
Anesthesia	30.00
Medications	16.45
X-Ray and laboratory	60.00
	<hr/>
	\$ 477.95

Again the bill was paid in full by Michigan Life. The former plan would have paid all of the charges in full except for the room, toward which charge only \$60.00 would have been allowed.

Listed below are some of the amounts paid on behalf of our members. At a glance you can see that being hospitalized runs into money today.

Dr. G. S.	\$1,000.00
Dr. L. J.	1,000.00
Dr. H. W.	1,000.00
Dr. W. D.	1,000.00
Dr. G. H.	1,000.00
Dr. E. P.	1,000.00
Dr. H. C.	665.60
Dr. C. S.	810.75
Dr. L. B.	881.90
Dr. S. M.	868.35
Dr. A. W.	723.35
Dr. B. A.	678.80
Dr. H. W.	500.00
Dr. W. A.	605.80
Dr. R. H.	482.55
Dr. D. T.	822.52
Dr. S. S.	500.00
Dr. V. G.	624.10
Dr. H. R.	429.20
Dr. R. D.	422.20
Dr. M. S.	452.20

The above is only a partial list which was picked at random, and the amount shown was for hospital room and services only. In most instances an additional payment was made for the services of the attending physician or surgeon.

At the present time 64 hospitals in Chicago and vicinity are cooperating with Michigan Life Insurance Co. by admitting our members without the necessity of a cash deposit and releasing them without payment of the bill.

Recently the New York Life Insurance Company followed our action by replacing the Blue Cross plan with that of the Michigan Life Insurance Company.

NEWS OF THE BRANCHES

WEST SIDE

The first Branch meeting of the season will be on October 26, instead of October 12, at the Midwest Athletic Club. The following meetings will be on the second Tuesday as usual. The speaker of the evening will be James Hughes, M. D., who will discuss cardiac ailments pertaining to the dentist. The pre-dinner speaker for these meetings will be Otto W. Silberhorn, faculty member at Northwestern, who will give a postgraduate course and lectures on crown and bridge work and partial dentures. . . . The Forum resumed its meetings on October 5 at the West Side Steak House, 3929 W. Madison Street. . . . Elmer J. Witous commemorated his twenty-fifth wedding anniversary on September 18 at the Czech Beseda Club. A goodly crowd was there to help him celebrate his many years of wedded bliss. . . . Franklin J. Nienstedt's son is enrolled at Illinois University on a four-year scholarship. He is taking a business administration course. . . . Frank J. Kropik has opened his new office in the Marshall Field Annex for the exclusive practice of children's dentistry. . . . Chester Bellan is back at his office after a severe bout with boils in a physically embarrassing place. He reports that eating from the mantel has its drawbacks. . . . Louis Postilion traveled most of the summer throughout the middle west, but now is back diligently at work. . . . The first meeting of the Lawndale Dental Club for this season will be held on Friday, October 15, when a new ticket of officers will be elected. The members believe that there will be no serious factional fights for the elective offices for the coming year. . . . B. T. Apke spent considerable time in New York City this summer and stopped to dine at Toffenetti's restaurant occupying one of the thousand available seats.

... Your correspondent has brought in his final produce of vegetables and strawberries for the season and hopes to have as successful a season next year.—*Herman Nedved, Assistant Branch Correspondent.*

NORTHWEST SIDE

There's a chill in the air and Fall is here, so you golfers had better take advantage of the few remaining days to break par for this season. The Fall schedule of branch meetings has started and we hope to see all of you out regularly at these get-togethers. . . . Our own Morris I. Fox made the Hobby Lobby section of the September issue of the Illinois Dental Journal. Morris has been doing quite a bit in the field of oil painting and has been progressing very well. . . . Iver Oveson spent some time visiting his mother who has been ill in Phoenix, Arizona. . . . Our President, Ben Davidson, spoke recently before the Alpha Omega Alumni Chapter in St. Louis. . . . Folmer Nymark has been away from his office for some time recuperating from a gall bladder and appendix operation. He's been regaining his health at Land O'Lakes, Wisconsin. We hope to see him soon at the meetings. . . . Martin Juel got away for a couple of weeks and visited his old home town in Minnesota, while Tommy Wright did the same, only in Iowa. . . . After finally getting that new Cadillac, J. T. Hanson had to try it out on a trip to Yellowstone Park. . . . Charley Frost and his wife spent two weeks at the Northernaire Resort, Eagle River, Wisconsin. . . . The only news I could get out of the Klee Building was that everybody was busy. Slow down, men. . . . Walter Janiszewski tried his Kaiser out on a trip to Arkansas. . . . Among those who attended the newly organized Midwest Seminar on Dental

Medicine was Norm Kirschner. It's a new idea being tried in this part of the country. The meeting was held at Baileys Harbor, Wisconsin, and was attended by over fifty men from all over the country. . . . With most of the summer vacations over, there's been quite a dearth of news. Your correspondent is always in need of news items to keep this column filled, and the cooperation of all members of the Branch is required. It's your column and your dental society. Before complaining about what the Society offers you for your dues, try coming to a few meetings and acting on a few committees. Nothing can be done for members who refuse to leave their offices to attend meetings. Remember, if you have any news items about yourself or your colleagues, drop me a card or call RAn-dolph 6-3531. — *Toby Weinshenker, Branch Correspondent.*

KENWOOD-HYDE PARK

The joint meeting of our Branch and the Northern Indiana Dental Society will be on Wednesday, November 17, at Phil Smidt's Fish House, and we are all looking forward to the good fellowship which we always have. Mark off the date now. . . . Our hard-working Secretary, Bob Kreiner, and Dinner Chairman, Stan Wrobel, have done a bang-up job of selling season tickets and deserve the thanks of the entire membership. For the first time to my knowledge, the Dinner Chairman will have a fair idea of how many will be at dinner. There are still tickets available for the remaining dinners. If you can't come for the season, you are still welcome for dinner and single tickets are available. . . . Well, the A.D.A. meeting has come and gone and was well attended with much of interest for all of us. The Golf Tournament was a big success and one of our younger members, Henry Urban, placed first in "Class B" flight, with a low gross of 81. Nice going, Henry, and thanks for the recognition you have brought to Ken-

wood. . . . Otto Mast went to Cody, Wyoming, to enjoy his vacation and do a little fishing. I don't know whether or not he attended the rodeo, but from reports he and his family had a wonderful time and the fish stories were not too extreme. Soon the ice fishing begins at Angola, so we will await developments. . . . We are sorry to report that Mrs. Hartley is confined to Mercy Hospital for observation. Speedy and complete return to good health is our wish for "Bud." . . . Gramps Libberton is on the go again. On October 18 and 19 he will appear before the Denture Prosthetic Study Club of Denver. Seventy-one and going strong! Have a nice trip, Gramps. . . . Ken Johnson, brother of President-Elect Larry Johnson, has transferred from North Suburban to Kenwood and we welcome him. . . . Willard Johnson didn't get enough fishing at Ely, so is headed for Brainerd, Minnesota, to see if the fall fishing is as good as it is said to be. Good luck and bring back a little evidence, Willard. . . . Clifford Randall, Jr., now practicing with his dad, has decided to take the Arizona Board at Phoenix and is headed there. This is a big month for Cliff for in the latter part of October he will forsake the ranks of single blessedness and take unto himself a wife. Our best wishes to you and your bride, Cliff, and many years of happiness. . . . Tom Humble was burglarized and a sizable loss was sustained by him and his son. We hope the thieves are caught, Tom, and we regret your loss. . . . Any news, call me at SOuth Chicago 8-1823.—*Elmer Ebert, Branch Correspondent.*

NORTH SUBURBAN

Among the large group of angling enthusiasts of the current season, one stands out above the others—the gold foil of the fishing world. Our good friend, Zeke Smothers, again breaks into this column by landing a 33 lb. muskie and furnishing adequate proof thereof by

having same served at the Evanston group's Monday luncheon club. Its weight was certified. Each fish in that particular lake comes equipped with a fine set of scales. . . . From our department of vital statistics comes news of Jerry Clark's wedding while on vacation out west. This comes as quite a surprise as it was unexpected by even his close associates. It looks as though he has nailed down the old problem of adjustment during his freshman year of marriage—Mrs. C. is staying 1768 or so miles away. We cannot help an admiring glance or two in his direction. . . . Our other item of vital statistics is really a recap of a previous and somewhat premature announcement of a couple of months ago. Art and Mrs. Freeman are busy cigaring friends and neighbors to celebrate a boy. We just had a hunch before, but now it is official, and if we don't err again, it is the second young Freeman. . . . Our last item for this fortnight concerns the Annual Midwest Seminar of Dental Medicine (AMSDM) sponsored by the University of Illinois College of Dentistry and held at Max Welton's Braes, Loch Lomond, Wisconsin. Obviously this piece of news is of interest only to the intelligentsia of North Suburban, who doubtless refer to this column every now and then. It seems this gathering of brains was convened for the very interesting purpose of studying glandular disturbances, inflammation, circulation, oral diagnosis, histology, etc. As we were handed a complete list of the North Suburban members in attendance, we shall dutifully name each and every one. From left to right they were Paul Bass, Allan Brodie, Henry Conley, Tod Dewel, Roger Huntington, Hosmer Law, Jules LeGrand, Frederick Noyes, Ed Robbins, Ed Ryan, Orion Stuterville, and Chester Thorsen.—*Grant A. MacLean, Branch Correspondent.*

ENGLEWOOD

Summer is over and that means back to work. Vacations, conventions, golf

outings and family picnics are just pleasant memories. . . . Major J. J. Dziubak, who spent his vacation working for Uncle Sam at Center Hospital, Fort Riley, Kansas, was expected back at his office about the first of October. . . . W. C. Ball and wife just returned from a six weeks' vacation trip in northern Wisconsin. Nice riding in a new Super Buick. It's convenient to have that long green folding stuff. . . . Gustav S. Gosicki is back in his office after a long California vacation. Ask him to tell you all about it. . . . Englewood is proud of and congratulates Herman N. Brown on his election to the presidency of the Lincoln Dental Society. He was installed in this important office the last Friday in September. . . . *Cupid's Department.* Michael M. Orth of Kedzie Avenue is honeymooning somewhere; was wedded a couple of weeks ago. . . . Richard J. Remijas will take the leap October 17. Lucky guy, apartment ready and furnished waiting for the bride. Englewood extends best wishes. . . . *Arrived and Expecting Department.* T. F. Dusik of 4311 Archer Avenue has a Junior about two months old. . . . The J. W. Dziubskis had a christening Sunday, October 3—a boy. . . . A. L. Kropidlowski is expecting any day now—I mean his wife is expecting. . . . The Salvatore V. Carusos love children so much that they have adopted one. Congratulations. . . . *Real Estate Department.* Edward A. Bartkowiak bought a lot in Palos Heights and has a Pontiac station wagon to commute with. . . . Raymond T. Pierzynski has a new home in Beverly. . . . John A. Domeikis' new office at 2615 W. 71st Street—a combination home and office—is a honey. . . . I hear that Marion Kostrubala is about to change his address to Lake Shore Drive and, according to Marion, riparian rights will be included. . . . Walter V. Raczyński has a new home at 1720 W. 85th Street. . . . Paul Kanchier observed Gus Solfronk with a host of Englewoodians making sure that the convention would be a great success. It was! . . . John "Spud" Svoboda, formerly of C.C.D.S., was in Chicago from Cali-

fornia a week before the meeting. He is now teaching in California. Thinking of taking the California State Board? See John. John is also President of Loyola Club in Los Angeles. . . . Help out the next issue of this column by sending any news to S. C. Sachs, BOulevard 8-6871, 5858 S. Halsted Street.—*C. E. Bromboz, Assistant Branch Correspondent.*

NORTH SIDE

The 89th session of the A.D.A. was a very successful and instructive meeting, especially from a visual educational standpoint, due to the wonderful colored kodachrome slides and photographs. The most notable were the early carcinoma diagnostic slides of Dr. Sharp of California, which brought out the true evaluation of the premise that the dentist sees forty per cent of the early carcinoma of the mouth and face and may be a tremendous influence on the patient seeking early treatment and ultimate cures. Casper Epstein also had a very instructive number of photographs of drawings showing the differential diagnosis of bony lesions of the maxilla and mandible. A very excellent representation, Casper. Another exhibit we ought to acknowledge is E. C. Pendleton's intra-oral dissection photographs which were excellent and represented a lot of work. Congratulations, Pen. The present trend of visual education is certainly going to eliminate a lot of conversation from the big professors' armamentarium, which will benefit all concerned. . . . Joe Dugas is certainly running into some extremes of luck. One day last month he bowled a perfect game at the Marigold Recreation and copped off a substantial money

prize, but the next week he fell off a ladder and fractured his right forearm. Hope you get well soon, Joe. . . . Joe Gordon recently returned from a vacation in the North Woods. He certainly looks good. . . . Had a nice card from Tim Bishop from San Francisco, California, showing the Golden Gate bridge. Some spot—another remembrance from the Army days. . . . Sam Rosenberg finally broke 100 and is now getting ready to make a hole in one. . . . Bill Schoen has returned from Wisconsin and is back at work. . . . Ralph Wishneff is off to practice in Los Angeles, California, but first he is going to attend the College of Physicians and Surgeons for one year. Good luck, Ralph. . . . Bernie Rabin called and invited us to see the two hundred fifty different chrysanthemum plants in his greenhouse. He has one plant with thirty successful grafts of different colored mums which he is going to exhibit at the Garfield Park Show around Thanksgiving time. . . . We would like to make a belated announcement of the winner of the recent North Side Tournament low gross prize. It is H. H. Sitron. It seems that his wife doesn't believe it. . . . Andy Sauer, Jr. announces the birth of another daughter on Friday, September 17. His wife is fine. . . . O. Bush spent a month in Lake Superior fishing and came back through Eagle River and really caught a few big ones. . . . J. Clinton Grant returned from a 1500 mile trip around Lake Michigan. . . . Among those seen at the recent A.D.A. convention were Louis Schultze, Manley Elliott, Basil Cupis, Art Roe, Bob Radcliff, Elmer Mertes, Bernie Margolis, Sid Pollack, Wally Sommerfeld, Joe Sweeney, Bob Lagorio, Sid Goodney, Louis Friedrich and Harry Glass.—*F. A. Napolilli, Branch Correspondent.*

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The following applications have been received by the Ethics Committee: Any member having information relative to any of the applicants, which would affect their membership, should communicate in writing with Eugene M. Stearns, 636 Church St., Evanston. Anonymous communications or telephone calls will receive no consideration.

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(Continued on page 27)

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ANTI-BIOTIC AGENTS IN DENTISTRY

(Continued from page 10)

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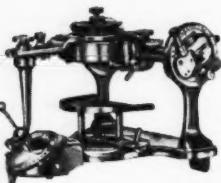
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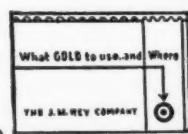
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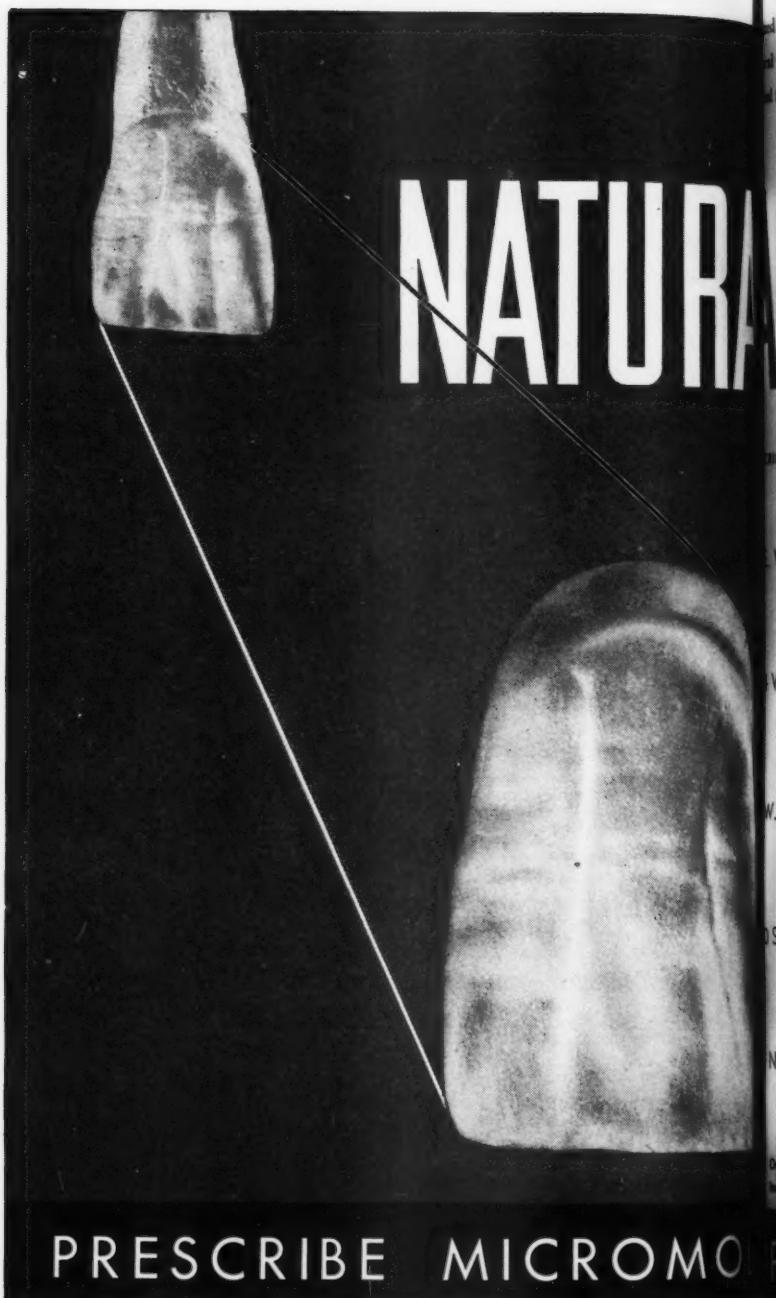
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